

VENKATASAIKUMAR ERLA

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PROFESSIONAL SUMMARY

Master's student in Data Science at the University of New Haven (expected May 2026), skilled in Python, SQL, R, TensorFlow, and AWS. Experienced in AI/ML projects including text summarization and sentiment analysis. Passionate about applying data-driven solutions to solve real-world problems. Seeking internships in data science, AI/ML, and business intelligence.

CORE SKILLS

- Programming: Python · R · SQL · TensorFlow · Scikit-learn
- AI/ML: NLP · Sentiment Analysis · Text Summarization · Deep Learning (LSTM)
- Visualization: Tableau · Power BI · Matplotlib · Pandas
- Cloud/Big Data: AWS (S3, Athena, Glue) · Hadoop (academic)
- Collaboration: GitHub · Jupyter Notebook · Agile/Scrum

EDUCATION

University of New Haven – West Haven, CT
M.S. in Data Science | Expected May 2026

- Coursework: Machine Learning, Deep Learning, NLP, Big Data, Visualization, Data Ethics
- Dean's Scholarship recipient

Chalapathi Institute of Engineering & Technology – Lam, India
B.Tech in Computer Science & Engineering | 2020 – 2024

PROJECTS

Text Summarization Using NLP (2024)

- Built extractive summarization model with Python, NLTK, SpaCy; achieved 12% ROUGE-score improvement.
- Developed web-based interface for real-time interaction.

Sentiment Analysis of Social Media (2023)

- Implemented LSTM model for Twitter sentiment classification with 85% accuracy.
- Built Tableau dashboards to visualize sentiment trends.

LANGUAGES

English (Fluent) · Telugu (Native) · Hindi (Intermediate)